

Headquarters U. S. Air Force

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AFNOSC Way Ahead



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Overview

- **Charter & Mission**
- **AFNOSC Development**
- **AFNETOPS Study**
- **Key Support Requirements**
- **Way Ahead**



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Charter & Mission

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- **VCSAF Msg, 3 Jul 03, appointed COMACC as AF lead for coordinating network C2 operations and approved creation of AFNOSC**
- **COMACC Msg, 22 Jul 03, appointed 8 AF/CC as the AFNETOPS/CC and 8 AF/CV as the AFNOSC Director**
- **Mission: Direct time-critical actions to...**
 - **Maintain and protect the entire AF Network**
 - **Fuse network performance, sensor, intelligence and law enforcement data**
 - **Determine the impact of a network event or potential impact of a network vulnerability to ongoing operations**
 - **Develop and implement integrated COAs to restore services and to mitigate vulnerabilities to networks**

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AFNOSC Development: *Future*

C2 Over All AF Nets
Predictive vs
Reactive
Bandwidth Apportionment
Provide Mission
Impact
AFNETOPS STAN/EVAL
Threat/Trend Analysis
Reactive Network SA
Coordinate Incident
Reporting /
Investigation
Network Defense

- C2 Over all AF Nets (SATCOM, Voice, JWICS, Datalinks, etc.)
- C2 over Integrated AF NOSCs
- **Predictive Battlespace Awareness** via threat analysis/ correlation
- Larger stand-alone facility
- Apportion bandwidth to commanders as needed
- Assess current processes
- Potential growth to
- Provide mission impact to
- Network Defense



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AFNETOPS Study: The AFNETOPS AOR

- **AFNETOPS study chartered by 8AF/CC and conducted by ACC/SC**
 - **Define what the “net” is, how many AF networks it should include, what specific actions should be taken for C2 and defense**
 - **Look at how far into RF links and other areas the AFNETOP/CC should have purview over**
 - **Discuss a timetable for addressing the above-mentioned areas**

are not hindered by friendly or adversary activities on ‘the net’



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Key Support Requirements

- **Foundational Sponsorship**
 - **Deliver AFNETOPS CONOPS and subordinate/related CONOPS to CSAF**
 - **Integrate AFNOSC in Air Staff Network Defense working groups**
 - **AFNETOPS/CC needs an inside track to IO career force management**
 - **Stand up a weapons school division**

Need to Normalize AFNETOPS

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Key Support Requirements

- **Programmatics/Policy**

- **Set up an AFNETOPS Program Element and appoint a PEM**
- **Take ownership of Mission Needs Statement/Operational Requirements Document**
- **Update Joint/DoD regs, AFIs & Policies**
- **Establish plan for Integrated NOSC/COOP**
- **IAVA management, set up regular policy review**

- **Acquisition**

- **AFNETOPS/CC must have formal influence over CITS and C2 programs to standardize requirements and solutions**

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Key Support Requirements

- **Resources**

- **Need formal panel alignment to include PE, PEM, and PMD**
- **Advocacy for \$4M AFNOSC bridge funding for FY05**
- **PE consolidation--work with Air Staff toward single advocacy for AFNETOPS, realign resources (dollars, manning) of over 150 PEs responsible for what the AFNOSC currently does**



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Key Support Requirements

- **Air Force Designated Approval Authority**
 - **Need CSAF to codify AFNETOPS/CC authority--
Need AF/XI lead to define programmatics, policy
& support structure**

- **C2ISR Infostructure**
 - **Advocacy for necessary clearances (ie: SAP/SAR)
for crew commanders**
 - **Integrate AFNOSC into IO Flight Plan--develop a
vision statement in conjunction with AFNETOPS
to support the warfighter**
 - **Integrate AFNETOPS into Flag Exercises**

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Way Ahead

- **Air Staff Advocacy**
 - **Establish AF/XI as lead coordinating AFNETOPS at Air Force level; establish a PE, PEM, and PMD/JMA**
 - **Formalize influence over acquisition**
- **Authority--Risk management/network connection authority (Air Force DAA)**
- **CSAF endorsement of AFNETOPS AOR and vision**

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